



SEQUENCE LISTING

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Thompson, Leslie
Marsh, J. Lawrence

<120> Methods and Reagents for Reducing Polyglutamine Toxicity

<130> 52058/WPC/R2682

<140> US 10/789,518

<141> 2004-02-27

<150> US 60/451,077

<151> 2003-02-27

<160> 3

<170> PatentIn version 3.2

<210> 1

<211> 92

<212> PRT

<213> Homo sapiens

<220>

<221> Polyglutamine

<222> (18)..(18)

<223> Polyglutamine stretch from 25Q (wild type) to 97Q (mutant)

<220>

<221> Polyglutamine

<222> (18)..(42)

<223> Polyglutamine stretch is expanded from 25Q (wild type, as shown)
to 97Q (mutant)

<400> 1

Met Ala Thr Leu Glu Lys Leu Met Lys Ala Phe Glu Ser Leu Lys Ser

1 5 10 15

Phe Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln

20 25 30

Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Pro Pro Pro Pro Pro
35 40 45

Pro Pro Pro Pro Pro Gln Leu Pro Gln Pro Pro Pro Gln Ala Gln Pro
50 55 60

Leu Leu Pro Gln Pro Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro
65 70 75 80

Gly Pro Ala Val Ala Glu Glu Pro Leu His Arg Pro
85 90

<210> 2
<211> 8
<212> PRT
<213> SV40

<400> 2

Met Gly Pro Lys Lys Lys Arg Lys
1 5

<210> 3
<211> 14
<212> PRT
<213> Artificial

<220>
<223> Sequence appended to full Htt Exon 1, including proline rich
domain, when KpnI/BamHI fragments of 97QP or 97QP K6,9,15R are
cloned between EcoRI/NotI sites of pUAST

<400> 3

Gly Ser Thr Ser Ser Arg Ala Ala Ala Ala Arg Gly Tyr Leu
1 5 10